



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 01/06/2021

QC BATCH ID: LB112659

BOD Water: WP88955

Starch: W2703

Sulfuric acid, 1N: W2609

POLYSEED: WP88957

GGA: WP88956

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP87313

NaOH, 0.25N: WP86593

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP88838

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.65
WINKLER 2	WINKLER 2	2	300	8.7	17.3	8.6	8.65

Meter Calibration1: 8.75

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.82

After Incubation

Meter Calibration2: 8.81

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.76

QC BATCH ID: LB112659

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 16:25

TIME OUT: 10:50

DATE IN: 01/06/2021

DATE OUT: 01/11/2021

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB112659BL	1	No	6.0	N/A	21.20	300	8.81	8.72	0.09	0.09	0.09	
POLYSEED	1					10	8.74	5.10	3.64	0.73	0.76	
POLYSEED	2					15	8.69	2.77	5.92	0.79		
POLYSEED	3					20	8.68	1.05	7.63	0.76		
GGA	1					6	8.82	3.90	4.92	208	189.33	
GGA	2					6	8.81	4.44	4.37	180.5		
GGA	3					6	8.82	4.47	4.35	179.5		
M1009-02	1	No	8.0	N/A	21.40	2	8.82	7.72	-	0	40.95	
M1009-02	2					10	8.81	6.65	2.16	42		
M1009-02	3					50	8.42	1.01	7.41	39.9		
M1009-02	4					100	7.73	0.15	-	0		
M1009-02DUP	1	No	8.0	N/A	21.40	2	8.82	7.92	-	0	41.16	
M1009-02DUP	2					10	8.80	6.62	2.18	42.6		
M1009-02DUP	3					50	8.40	1.02	7.38	39.72		
M1009-02DUP	4					100	7.78	0.18	-	0		
M1011-01	1	No	11.7	7.2	20.80	1	8.82	7.92	-	0	30.72	pH Adjusted
M1011-01	2					5	8.82	7.56	-	0		
M1011-01	3					20	8.81	5.91	2.9	32.1		
M1011-01	4					50	8.79	3.14	5.65	29.34		
M1024-01	1	No	6.0	N/A	21.50	1	8.82	8.77	-	0	6.63	
M1024-01	2					5	8.82	8.09	-	0		
M1024-01	3					20	8.81	6.89	-	0		
M1024-01	4					50	8.80	6.71	2.09	7.98		
M1024-01	5					150	8.74	5.34	3.4	5.28		
M1030-01	1	No	6.4	N/A	20.90	0.05	8.82	7.66	-	0	3405	
M1030-01	2					0.1	8.80	6.72	2.08	3960		
M1030-01	3					0.5	8.76	3.25	5.51	2850		
M1030-01	4					2	8.74	0.24	-	0		
M1030-01	5					10	8.66	0.12	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

LB112689
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD1621 WorkList ID : 145443 Department : Wet-Chemistry Date : 01-06-2021 13:32:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/07/2021	Water	M1009-02	BOD5	Cool 4 deg C	M&MM01	M63	FE-19C	01/05/2021	SM5210 B
01/08/2021	Water	M1030-01	BOD5	Cool 4 deg C	MAJO01	M22	DRAIN-WATER-TANK-1	01/06/2021	SM5210 B
01/07/2021	Water	M1011-01	BOD5	Cool 4 deg C	PSEG03	M12	N48967	01/05/2021	SM5210 B
01/08/2021	Water	M1024-01	BOD5		PSEG03	M21	M11-BERM	01/06/2021	SM5210 B

Date/Time 1/06/2021 15:10
 Received by: KS (Wetchem)
 Relinquished by: AM (Wet-chem)

Date/Time 1/06/2021 16:30
 Received by: AM (Wet-chem)
 Relinquished by: KS (Wetchem)